



Glad to see you!



舟山市鑫路塑料机械有限公司  
 Zhoushan Xinlu Plastics Machinery Co., Ltd.

**Zhoushan Xinlu** is a professional OEM & OD of screw and barrels for extrusion and injection molding machines who provide high-quality single and twin screw barrels and competitive prices!

**About us:**  
 17 years of mature manufacturing & overseas experiences.  
 Advanced digital equipments achieved efficient production.  
 Strict quality management method.  
 "One-to-one" customized design.  
 "Team to team" before and after-sale service.

**Our goal:**  
 To solve various customer's needs in quality, price, delivery time and after-sale service!  
 Strives for customers directly benefit from production!  
 Seeks for stable long-term cooperation partners and agents!

Your stable supplier!

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 Zhoushan Xinlu Plastics Machinery Co., Ltd.

NO.8, Liuhang Road, Xihou Industrial Estate, Zhoushan, China.  
[www.zsxinlu.com](http://www.zsxinlu.com)  
[lili@zg-xinlu.com](mailto:lili@zg-xinlu.com)  
 0086-13056938033 whatsapp/skype/link  
 Sales Manager  
 Lili  
 Glad to see you!  
 Рад тебя видеть!  
 التهنين بي م حك ملاح شيوخ



- ① Single screw & barrel for Plastic extrusion
- ② Conical twin screw & barrel
- ③ Screw & barrel for Injection molding
- ④ Parallel twin puffed food screw & barrel
- ⑤ Vertical machine screw & barrel
- ⑥ Accessories of screw and barrel



**PRODUCTS SHOW-HOT SALE**

**① Single screw & barrel for Plastic extrusion**

Diameter: Φ15mm-Φ300mm; L/D: 4-35  
 Max screw 400mm; Max length: 10,000mm;  
 Yearly capacity: 8000sets

Film blowing/ blow molding series screw and barrel



Granulate series screw and barrel of recycled pp plastic blocks/ flakes, films, grains powder, etc.



Tube-pipe series screw and barrel  
 A PE/HDPE/LDPE high speed & semi-high speed pipes  
 B PPR/PP/PVC pipes  
 C PVC pipes / soft pipe tubes  
 D. Cables, & other tubes



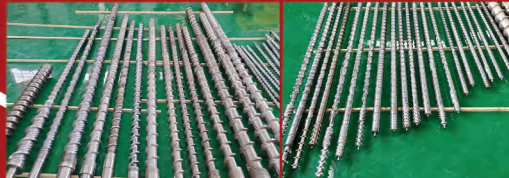
Filament/grass/woven series screw and barrel



Squeezing series screw and barrel



**Screw Detail Structures:**



**② Conical twin screw & barrel**

Application: PVC/PVC/PVC/PE/Bi-impeller, stainless steel, 12 high concentrated, 2000 high concentrated, PE, ABS, PVC raw material, palletizing pipe, profile sheet, etc.



**③ Bimetallic injection screw barrel**

Material: 316/316L, 304/304L	Max length: 12000mm
Barrel diameter: Φ100-300mm	Max. length: 10000mm
Barrel length: 10000-12000mm	Max. length: 10000mm
Max. length: 10000-12000mm	Max. length: 10000mm
Max. length: 10000-12000mm	Max. length: 10000mm



**④ Parallel twin puffed food screw & barrel**



**⑤ Vertical machine screw & barrel**

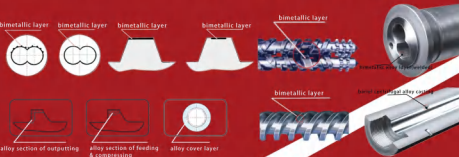
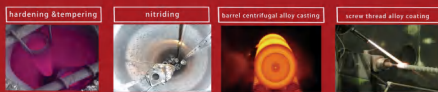


**⑥ Accessories of screw and barrel**

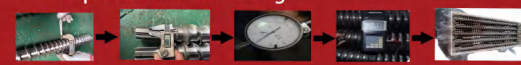


**TECHNIC DETAIL**

Sample material	38Cr/MoAlA	Heat treatment		Data	
Surface roughness	Ra0.4μm	Tempered hardness	HV240-280		
Straightness	0.015mm/m	hardness after nitriding	HV900-1000		
ID& OD tolerance	±0.02mm	Depth of nitrided layer	0.5-5.8mm		
Screw length tolerance	±0.03mm	Brittleness after nitridation	3rd level		
Key & spine tolerance	Grade 7	Chromium plating	0.05mm		
Circular run-out	<0.04mm	Alloy Depth	2.0mm		



**Inspection & Packing**





# XINLU

Professional manufacturer for screw and barre

Glad to see you!



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Zhoushan Xinlu is a professional OEM & OD of screw and barrels for extrusion and injection molding machines who provide high-quality single and twin screw barrel and competitive prices!

**FACTORY VIEW** Your stable supplier!



**About us:**

- 17 years of mature manufacturing & overseas experiences.
- "One-to-one" customized design.
- Advanced digital equipments achieved efficient production.
- "Team to team" before and after-sale service.
- Strict quality management method.
- Fast on time delivery and follow up.

**PRODUCTION** To solve various customer's needs in quality, price, delivery time and after-sale service!

**Our goals:**

- Strives for customers directly benefit from production!
- Seeks for stable long-term cooperation partners and agents



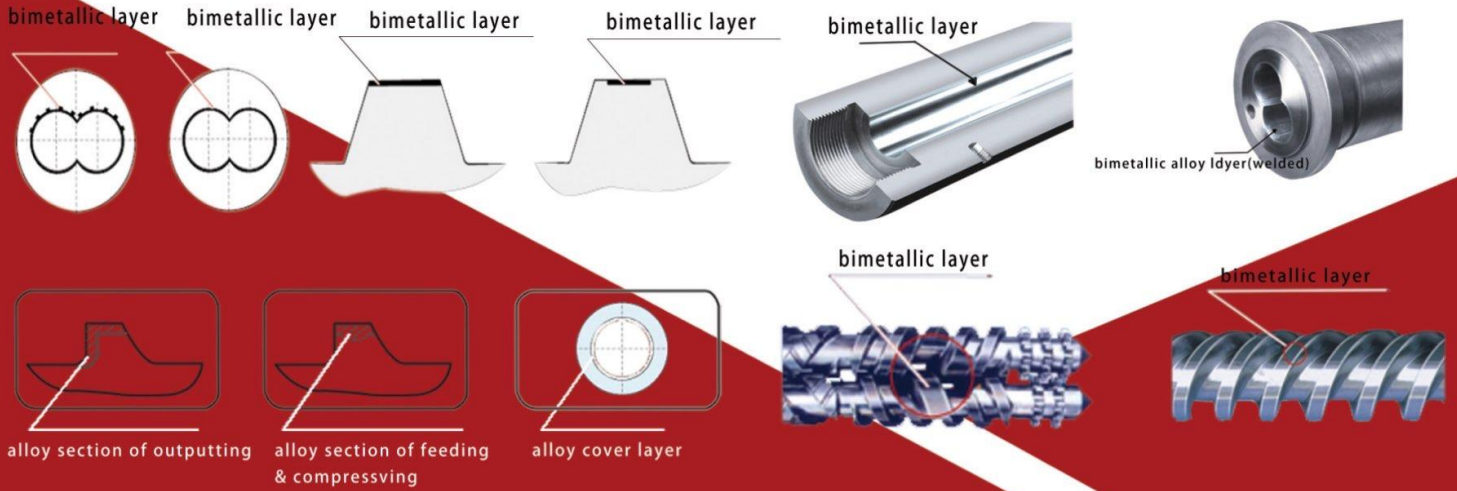


# ▶ PRODUCT CLASSIFICATION

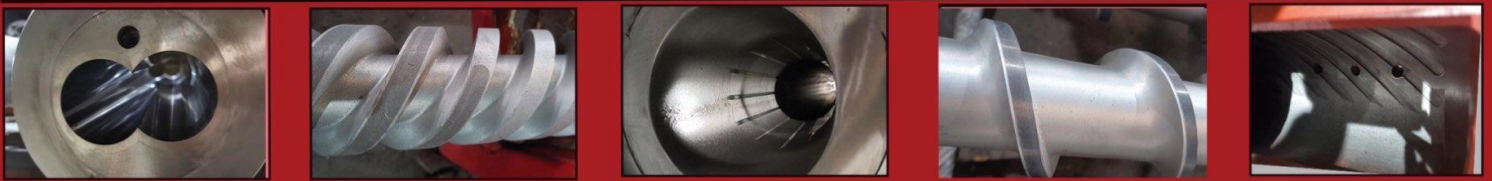
Yearly capacity:8000sets

- ① Single extruder screw & barrel
- ④ Parallel twin screw & barrel
- ② Conical twin screw & barrel
- ⑤ Machinery & Accessories
- ③ Screw & barrel for Injection molding

## ▶ TECHNIC DETAIL



Sample material	38CrMoAIA	Heat Treatment	Data
Surface roughness	Ra0.4μm	Tempered hardness	HB240-280
Straightness	0.015mm/m	hardness after nitridation	HV900-1000
ID& OD tolerance	≤0.02mm	Depth of nitrided layer	0.5-0.8mm
Screw length tolerance	≤0.03mm	Brittleness after nitridation	≤second level
Key & spine tolerance	Grade 7	Chromium plating	0.05mm
Circular run-out	<0.04mm	Alloy Depth	2.0mm



### MATERIALS OF SCREW & BARREL

38CrMoAIA, SACM645, 42CrMo  
 Cr12MoV, Cr12,HPM38, SI36, SUS440, 9Cr18MoV  
 38CrMoAIA, SACM645, 40Cr, AISI4140, 42CrMo  
 GH113  
 42CrMo, AISI 4140  
 4Cr5Mosiv1, SKD-61, SKD-11



# ▶ PRODUCTS SHOW-HOT SALE



## ① Single screw & barrel for pc/pe film blowing & blow molding

Diameter:  $\Phi$ 15mm- $\Phi$ 300mm; L/D4-35  
Max screw: 400mm; Max length: 10,000mm;



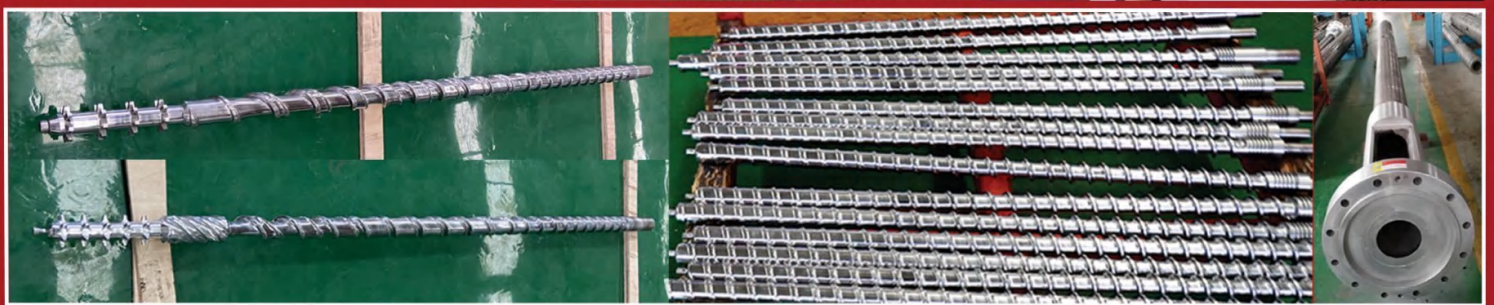
## ▶ Screw barrel for recycled PE/PP/PS/ABS/PA blocks/ flakes/powder/film granulation.

Single straight types;  
Baby and mother coextrusion;  
Single conical types & squeezer



## ▶ Tube/pipe series screw and barrel:

A: PE/HDPE/LDPE high speed & semi-high B: PPR/MPP/PVC pipes C: Cables & other tubes  
C: PVC pipes / soft pvc tubes speed pipes; E: Monofilament screw and barrels



## ② Conical twin screw & barrel

size:  $\Phi 35/75$   $\Phi 45/90$   $\Phi 45/100$   $\Phi 50/105$   $\Phi 51/105$   $\Phi 55/110$   $\Phi 60/125$   $\Phi 65/120$   $\Phi 65/132$   $\Phi 68/143$   $\Phi 70/140$

APPLICATION: WPC PVCWPC PESuperhigh molecular sheet, 1/2 high Calciumbuckle , 50-400 high Calcium pipe, 50-300 high Calcium Profile, softPVC sheet, XPS -PVCetc. PP、 PE、 ABS、 PVC, raw material, pelletizing. pipe, -profile, sheet etc.



## ③ Bimetallic and nitrided injection screw and barrel for PP PE PA PS POM ABS...



## ④ Parallel twin screw & barrel

Size:  $\Phi 42$ ;  $\Phi 45$ ;  $\Phi 65$ ;  $\Phi 70$  Applications: puffed food/fish/granules food/granules



## ⑤ Machinery & Accessories





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🌐 [www.zsxinlu.com](http://www.zsxinlu.com)

✉ [aloha@zg-xinlu.com](mailto:aloha@zg-xinlu.com)

0086-13470016753 whatsapp/skype/link

Sales Manager

Aloha GUO



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